

**A KEYPAD AND METHOD FOR DETECTING THE SELECTION OF ONE
OF A PLURALITY OF KEY INPUTS ASSOCIATED WITH A SINGLE KEY**

A keypad and method for detecting the selection of one of a plurality of key inputs associated with a single key is provided. The keypad includes one or more keys having a primary input selection and three or more secondary input selections.

5 Each secondary input selection has a corresponding switch, where if only one of the switches is engaged when the key is actuated, the corresponding secondary input selection is indicated. If any combination of a plurality of switches are engaged, when the key is actuated, the primary input selection is indicated.